

Message Text

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PAGE 01 STATE 092369
ORIGIN NASA-02

INFO OCT-01 EUR-12 ISO-00 OES-07 DODE-00 NSC-05 DOE-15
ACDA-12 CIAE-00 PM-05 INR-10 L-03 NSAE-00 SOE-02
SS-15 MCE-00 /089 R

DRAFTED BY NASA/LI-15/NMACNEIL:GG
APPROVED BY OES/APT/SEP:RGMORRIS
NASA/LI-15/NTERRILL
NASA/S-1/NWHINNERS
DOD/ISA/EMELANSON
NSC/BHUBERMAN
DIC/CIA/DGEORGE
OSTP/AMORRISSEY
DOS/EUR/SOV/JWILKINSON
OES/APT/SEP:DCRAMER

-----083824 111843Z /46

R 111616Z APR 78
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW

UNCLAS STATE 092369

E.O. 11652: N/A

TAGS: TSPA, UR

SUBJECT: UNMANNED SPACE COOPERATION: X-RAY OBSERVATION
TIME FOR SOVIET PROPOSAL (04.0305)

FOR SCICOUN

1. PLEASE PASS THE FOLLOWING LETTER FROM NOEL HINNERS OF
NASA TO ACADEMICIAN PETROV OF INTERCOSMOS.

2. APRIL 10, 1978

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ACADEMICIAN BORIS N. PETROV
CHAIRMAN, COUNCIL FOR INTERNATIONAL
COOPERATION IN THE EXPLORATION
AND USES OF OUTER SPACE
ACADEMY OF SCIENCES OF THE USSR
LENINSKY PROSPECT, 14
MOSCOW, V-71, USSR

DEAR ACADEMICIAN PETROV:

PROFESSOR V. G. KURT OF THE SOVIET SPACE RESEARCH INSTITUTE
HAS SENT PROFESSOR G. W. CLARK OF MIT A PROPOSED OBSERVATION
TO MAP THE X-RAY EMISSION FROM THE RADIO LOBES OF CEN A,

USING SAS-3. SAS-3 (SMALL ASTRONOMICAL SATELLITE-3) IS A
THREE-AXIS STABILIZED X-RAY SATELLITE SCIENTIFICALLY
DIRECTED BY THE CENTER FOR SPACE RESEARCH OF THE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

PROFESSOR KURT'S PROPOSED OBSERVATION SEEMS TO US WELL
SUITED FOR OBTAINING SIGNIFICANT RESULTS FROM THE SAS-3
FACILITY. THE 2 DEGREES TUBULAR COLLIMATORS WOULD BE THE
PRIME INSTRUMENT, AND THE SATELLITE WOULD BE CONTROLLED SO
AS TO PERFORM A TWO-DIMENSIONAL RASTER SCAN OVER THE RADIO
LOBE REGION OF CEN A. HAVING SUCH MERIT, THE PROPOSED

OBSERVATION APPEARS TO BELONG IN OUR JOINT WORKING GROUP
ON NEAR-EARTH SPACE, THE MOON AND THE PLANETS.

IF YOU AGREE THAT OUR JOINT WORKING GROUP SHOULD TAKE
RESPONSIBILITY FOR THIS PROPOSED COOPERATION ACTIVITY, I
WOULD APPRECIATE YOUR INFORMING PROFESSOR KURT THAT WE ARE
PREPARED TO OFFER HIM UP TO FIVE DAYS OF SAS-3 OBSERVATION
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TIME. WE WOULD BE PLEASED TO HAVE ONE OR TWO SOVIET
SCIENTISTS AT THE M.I.T. CENTER FOR SPACE RESEARCH WHEN THE
OBSERVATIONS ARE BEING MADE, (WE WOULD HOPE THAT
PROFESSOR KURT COULD ATTEND.) FUNDING FOR THE VISIT WOULD
BE ACCORDING TO THE USUAL NASA-ACADEMY ARRANGEMENTS. FOR
ANY QUESTIONS THAT MIGHT ARISE, VERESHCHETIN OF INTERCOS-
MOS AND TERRELL OF NASA WOULD BE THE POINTS OF CONTACT.

YOUR THOUGHTS ON THIS SUBJECT WOULD BE MOST WELCOME.

SINCERELY,

NOEL W. HINNERS
ASSOCIATE ADMINISTRATOR FOR
SPACE SCIENCE
NASA

VANCE

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SPACE AGREEMENTS, SPACE PROGRAMS
Control Number: n/a
Copy: SINGLE
Draft Date: 11 apr 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE092369
Document Source: CORE
Document Unique ID: 00
Drafter: 15/NMACNEIL:GG
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780155-1118
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780469/aaaacgup.tel
Line Count: 112
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: f09d61b2-c288-dd11-92da-001cc4696bcc
Office: ORIGIN NASA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3004176
Secure: OPEN
Status: NATIVE
Subject: UNMANNED SPACE COOPERATION: X-RAY OBSERVATION TIME FOR SOVIET PROPOSAL (04.0305) FOR SCICOUN
TAGS: TSPA, US, UR
To: MOSCOW
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/f09d61b2-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014